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(p27 [Kip1])

1 ATGTCAAACGTGCGAGTGTCTAACGGGAGCCCTAGCCTGGAGCGG  
MetSerAsnValArgValSerAsnGlySerProSerLeuGluArg

46 ATGGACGCCAGGCAGGCGGAGCACCCCAAGCCCTCGGCCTGCAGG  
MetAspAlaArgGlnAlaGluHisProLysProSerAlaCysArg

91 AACCTCTTCGGCCCCGGTGGACCACGAAGAGTTAACCCGGGACTTG  
AsnLeuPheGlyProValAspHisGluGluLeuThrArgAspLeu

136 GAGAAGCACTGCAGAGACATGGAAGAGGCGAGCCAGCGCAAGTGG  
GluLysHisCysArgAspMetGluGluAlaSerGlnArgLysTrp

181 AATTTTCGATTTTCAGAATCACAAACCCCTAGAGGGCAAGTACGAG  
AsnPheAspPheGlnAsnHisLysProLeuGluGlyLysTyrGlu

226 TGGCAAGAGGTGGAGAAGGGCAGCTTGCCCGAGTTCTACTACAGA  
TrpGlnGluValGluLysGlySerLeuProGluPheTyrTyrArg

271 CCCCCGCGCCCCCAAGGTGCCTGCAAGGTGCCGGCGCAGGAG  
ProProArgProProLysGlyAlaCysLysValProAlaGlnGlu

316 AGCCAGGATGTCAGCGGGAGCCGCCCCGGCGGCCCTTTAATTGGG  
SerGlnAspValSerGlySerArgProAlaAlaProLeuIleGly

361 GCTCCGGCTAACTCTGAGGACACGCATTTGGTGGACCCAAAGACT  
AlaProAlaAsnSerGluAspThrHisLeuValAspProLysThr

406 GATCCGTCGGACAGCCAGACGGGGTTAGCGGAGCAATGCGCAGGA  
AspProSerAspSerGlnThrGlyLeuAlaGluGlnCysAlaGly

451 ATAAGGAAGCGACCTGCAACCGACGATTCTTCTACTCAAAACAAA  
IleArgLysArgProAlaThrAspAspSerSerThrGlnAsnLys

496 AGAGCCAACAGAACAGAAGAAAAATGTTTCAGACGGTTCCCCAAAT  
ArgAlaAsnArgThrGluGluAsnValSerAspGlySerProAsn

541 GCCGGTTCTGTGGAGCAGACGCCCAAGAAGCCTGGCCTCAGAAGA  
AlaGlySerValGluGlnThrProLysLysProGlyLeuArgArg

586 CGTCAAACGTAA  
ArgGlnThr

Fig. 1

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## FKBP-12 SEQUENCE

1      GCCGCCGCCATGGGAGTGCAGGTGGAAACCATCTCCCCAGGAGAC  
         MetGlyValGlnValGluThrIleSerProGlyAsp

46     GGGCGCACCTTCCCCAAGCGCGGCCAGACCTGCGTGGTGCACCTAC  
         GlyArgThrPheProLysArgGlyGlnThrCysValValHisTyr

91     ACCGGGATGCTTGAAGATGGAAAGAAATTTGATTCTCCCGGGAC  
         ThrGlyMetLeuGluAspGlyLysLysPheAspSerSerArgAsp

136    AGAAACAAGCCCTTTAAGTTTATGCTAGGCAAGCAGGAGGTGATC  
         ArgAsnLysProPheLysPheMetLeuGlyLysGlnGluValIle

181    CGAGGCTGGGAAGAAGGGGTTGCCCAGATGAGTGTGGGTCAGAGA  
         ArgGlyTrpGluGluGlyValAlaGlnMetSerValGlyGlnArg

226    GCCAAACTGACTATATCTCCAGATTATGCCTATGGTGCCACTGGG  
         AlaLysLeuThrIleSerProAspTyrAlaTyrGlyAlaThrGly

271    CACCCAGGCATCATCCCACCACATGCCACTCTCGTCTTCGATGTG  
         HisProGlyIleIleProProHisAlaThrLeuValPheAspVal

316    GAGCTTCTAAAACCTGGAATGACAGGAATGGCCTCCTCCCTTAGCT  
         GluLeuLeuLysLeuGlu

361    CCCTGTTCTTGGATCTGCCTGGAGGGATCTGGTGCCTCCAGACAT  
406    GTGCACATGATCCATATGGAGCTTTTCCTGATGTTCCACTCCACT  
451    TTGTATAGACATCTGCCCTGACTGAATGTGTTCTGTCACTCAGCT  
496    TTGCTTCCGACACCTCTGTTTCCTCTTCCCCTTTCTCCTCGTATG  
541    TGTGTTTACCTAAACTATATGCCATAAACCTCAAGTTATTCA

Fig. 2

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DEMONSTRATION OF THE  
P27(KIP1):FKBP12 INTERACTION

	P27(Kip1)	A1	B1
CDK2	+	-	-
FKBP-12	+	-	-
TRK	-	-	-
CYC-B	-	-	-
Vector	-	-	-

Fig. 3